

nate lindell

**From:** Nate Lindell [nlindell@abfjv.com]  
**Sent:** Friday, January 19, 2007 6:42 PM  
**To:** 'TNilsson@americanbridge.net'; 'eparkes@abfjv.com'; 'David McQuaid'; 'cknops@abfjv.com'; 'Jim Bowers (E-mail)'  
**Subject:** QA/QC evaluation

Thomas,

You requested an evaluation of the quality department of ZPMC to be ready by late March for an April meeting. The good news is it won't take that long, the bad news is I am very concerned we are headed down a dangerous path that without attention now will cause this project to spiral out of control with severe consequences.

Currently ZPMC does not understand the stringent quality requirements, fabrication requirements or submittal requirements of this project and CANNOT perform to the necessary level. In my opinion the only way this can be accomplished is for ABF/JV to provide approximately 20-40 seasoned QA/QC/NDE inspectors that speak English and have experience working with D1.5 and Caltrans. As you well know the requirements of this project are above and beyond any project ZPMC currently has. This type of quality program requires months of preparation, training, planning and execution to succeed.

Again, in my honest opinion ABF/JV needs to provide seasoned QA/QC/NDE inspectors and they cannot and I stress cannot be (rookie) inspectors. The 5 Moody inspectors I have met do not have a clue of the requirements and do not speak enough English to understand when given instruction. METS is planning on having 35 American QA inspectors present during this project that DO understand and will document and report every deviation from code and contract. At this time METS is very concerned with merit, the JV has no plan for providing the required level of quality coverage to insure the product is completed as required. With fabrication scheduled to start approximately 7 months I suggest an immediate onsite meeting between ABF/JV management and ZPMC with the intent on solving this problem keeping in mind the worst is yet to come.

Case in point is the 3B mock up currently being fabricated. As discussed earlier this week I am in process of issuing nonconformance reports for at least 4 separate issues including, burning without QA notification and presence, extreme heat straightening without approval and QA monitoring, tack welding without approval and notification, welding temporary lifting devices outside the weld zone, no daily production logs and completely welding a SAW skin plate weld without approval as well as hiding the part until we told them they can start welding and tried to just (slide) it in. If this was the actual Caltrans mock up all fabrication to date would be scrapped without question.

Thomas, I have no doubt ZPMC has the equipment, manpower and is willing to learn as they go but Caltrans does not have a section in the Special Provisions for the learning curve.

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10/19/2009

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**From:** Nate Lindell [nlindell@abfjv.com]  
**Sent:** Saturday, January 20, 2007 5:33 AM  
**To:** 'TNilsson@americanbridge.net'  
**Cc:** 'cknops@abfjv.com'; 'eparkes@abfjv.com'  
**Subject:** RE: QA/QC evaluation

And in the mean time how are we to set up a program if all we have time for is babysitting? I need people to help now!

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**From:** Thomas Nilsson [mailto:TNilsson@americanbridge.net]  
**Sent:** Friday, January 19, 2007 11:44 PM  
**To:** 'Nate Lindell'; eparkes@abfjv.com; 'David McQuaid'; cknops@abfjv.com; 'Jim Bowers (E-mail)'  
**Cc:** Brian Petersen (E-mail); Mike Flowers (E-mail)  
**Subject:** RE: QA/QC evaluation

I don't disagree with your assessment about their QC.

What I asked you for is an assessment report in March so that we can present it to the JV board.

The only issue is that I still feel it is incumbent on ZPMC to do the QC so they are the ones that should have to hire the American personnel. There are of course a second course of action and that is that we hire the people and then deduct the amount from ZPMC's contract. However, this clouds the responsibility level between us and ZPMC. (Not towards Caltrans who will always look towards us).

This is such a major deviation from the contract that we have to have a little more information prior to addressing this to ZPMC.

So, my recommendation is that we have to document these findings and submit QA observations, NCR etc so that we can build up a track record.

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-----Original Message-----

**From:** Nate Lindell [mailto:nlindell@abfjv.com]  
**Sent:** Friday, January 19, 2007 2:42 AM  
**To:** TNilsson@americanbridge.net; eparkes@abfjv.com; David McQuaid; cknops@abfjv.com; Jim Bowers (E-mail)  
**Subject:** QA/QC evaluation

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